REMARKS

By this Amendment, the claims are amended to merely clarify the recited subject matter. Claims 1-8 and 13-20 are pending.

The Examiner has rejected claims 1-7 and 13-20 under 35 U.S.C. 102 as being unpatentable in view of Stewart (U.S. 5,835,061). Applicants traverse the rejection because Stewart fails to disclose, teach or suggest all the features recited in the rejected claims. For example, Stewart fails to disclose, teach or suggest the claimed:

- method of updating Internet access point information in the terminal equipment of a digital mobile communication system, including "the terminal equipment establishing a connection via the mobile communication system to one of a number of Internet access points providing access to the Internet, the terminal equipment storing settings of Internet access points that were used last time to access the Internet the terminal equipment storing system information on the mobile communication network or on part of the mobile communication network used to access the Internet last time, the terminal equipment receiving broadcast system information on the mobile communication network or on part of the mobile communication network in the current location of the terminal equipment, the terminal equipment comparing said received system information with said stored system information, the terminal equipment starting a procedure for updating the stored Internet access point settings of the terminal equipment with Internet access point settings recommended for the currently used mobile communication network or for part of the mobile communication network, if the terminal equipment notes, on the basis of said stored and received system information, that the mobile communication network or part of the mobile communication network has changed" as recited in independent claim 1 and its dependent claims;

- terminal equipment comprising "means for establishing a connection via a mobile communication system to one of a number of Internet access points providing access to the Internet, a memory in which Internet access point settings used last time to access the Internet are stored, a memory in which system information identifying the mobile communication network or part of the mobile communication network used last time to access the Internet is stored, means for receiving broadcast system information on the mobile communication network or part of the mobile communication network of the current location of the terminal equipment, means for comparing said received system information with said stored system information, and updating means for starting the procedure for updating stored Internet access point settings of the terminal equipment with settings of the Internet access point recommended for the currently used mobile communication network or for part of the mobile communication network, if it is noted on the basis of the stored and received system information that the mobile communication network or part of the mobile communication network has changed" as recited in independent claim 13 and its dependent claims;

- terminal equipment of a digital mobile communication system, said terminal equipment comprising "means for establishing a connection via a mobile

communication system to one of a number of Internet access points providing access to the Internet, a memory in which Internet access point settings used last time to access the Internet are stored, a memory in which system information identifying the mobile communication network or part of the mobile communication network used last time to access the Internet is stored, means for receiving broadcast system information on the mobile communication network or part of the mobile communication network of the current location of the terminal equipment, means for comparing said received system information with said stored system information in response to initiation of a new Internet transaction, and updating means responsive to said means of comparison to carry out said updating procedure before setting up a call via the mobile communication system to an Internet access point, if the terminal equipment notes on the basis of said stored and received information that the mobile communication network or part of the mobile communication network has changed," as recited in independent claim 14;

- terminal equipment of a digital mobile communication system, said terminal equipment comprising "means for establishing a connection via a mobile communication system to one of a number of Internet access points providing access to the Internet, a memory in which Internet access point settings used last time to access the Internet are stored, a memory in which system information identifying the mobile communication network or part of the mobile communication network used last time to access the Internet is stored, means for receiving broadcast system information on the mobile communication network or part of the mobile communication network of the current location of the terminal equipment, and means for comparing said received system information with said stored system information, updating means for starting the procedure for updating stored Internet access point settings of the terminal equipment with settings of the Internet access point recommended for the currently used mobile communication network, if it is noted, on the basis of the stored and received system information, that the mobile communication network or part of the mobile communication network has changed, said updating means in the terminal equipment further including i) means for requesting Internet access point settings from the Internet service provider's server via the Internet, said request comprising system information identifying the current mobile communication network or part of the mobile communication network of the terminal equipment, and ii) means for receiving a response including requested settings from the server via the mobile communication system, and for updating Internet access point settings of the terminal equipment with the received settings," as recited in independent claim 15;

- terminal equipment of a digital mobile communication system, said terminal equipment comprising "means for establishing a connection via a mobile communication system to one of a number of Internet access points providing access to the Internet, a memory in which Internet access point settings used last time to access the Internet are stored, a memory in which system information identifying the mobile communication network or part of the mobile communication network used last time to access the Internet is stored, means for receiving broadcast system information on the mobile communication network or part of the mobile communication network of the current location of the terminal equipment, means for comparing said received system information with said stored system information, and updating means for starting the procedure for updating stored Internet access point

settings of the terminal equipment with setting of the Internet access point recommended for the currently used mobile communication network or for part of the mobile communication network, if it is noted, on the basis of the stored and received system information, that the mobile communication network or part of the mobile communication network has changed, said updating means in the terminal equipment further including i) means for sending a short message requesting Internet access point settings to the message service centre, which has an access to the Internet network, said message containing system information identifying the current mobile communication network or part of the mobile communication network of the terminal equipment, and ii) means for receiving a message containing the requested settings from the message centre, and for updating Internet access point settings of the terminal equipment with the received settings," as recited in independent claim 16;

- digital mobile communication system, comprising "a message service and a terminal equipment capable of establishing a connection via a mobile communication system to a number of Internet access points providing access to the Internet, wherein the mobile communication system is configured to broadcast to the terminal equipment messages including settings of at least one local Internet access point, which is recommended to be used in part of the mobile communication system in question," as recited in independent claim 19; and

- terminal equipment of a digital mobile communication system, comprising "a connectivity via a mobile communication system to a number of Internet access points providing access to the Internet, a memory in which Internet access point settings used last time to access the Internet are stored, a memory in which system information identifying the mobile communication network or part of the mobile communication network used last time to access the Internet is stored, a receiver receiving broadcast system information on the mobile communication network or part of the mobile communication network of the current location of the terminal equipment, a comparator comparing said received system information with said stored system information, and a controller starting a procedure for updating stored Internet access point settings of the terminal equipment with settings of the Internet access point recommended for the currently used mobile communication network or for part of the mobile communication network, if it is noted, on the basis of the stored and received system information, that the mobile communication network or part of the mobile communication network has changed," as recited in independent claim 20.

Stewart merely discloses a method and an apparatus for geographic-based communication service in which the geographic location of users is obtained using known locations of wireless local area access points (i.e., base stations) that provide service to the mobile users of portable wireless smart devices (e.g., note book, personal computers, PDA, etc.) who are in the vicinity of these access points. In Stewart, a wireless LAN is provided with location-based services; however, the "access points" disclosed in Stewart are actually wireless base stations of the system.

Thus, Stewart fails to teach terminal equipment that establishes a connection via a mobile communication system to one of a number of internet access points providing access

to the Internet. To the contrary, in Stewart, the mobile unit provides a wireless connection to the LAN access point (i.e., a base station) which provides access to the LAN. Therefore, Stewart further fails to teach or suggest **terminal equipment that stores settings of an Internet access point that was used last time to access the Internet**, and **terminal equipment that stores system information on the mobile communication network or on part of the mobile communication network used to access the Internet last time**.

The Office Action referred to a Management Information Base (MIB) as performing the recited storage of settings and system information; however, the MIB is not part of a mobile unit but is actually a network element. Further, there is no teaching in Stewart that the MIB actually stores settings of an Internet access point that a specific terminal equipment used last time to access the Internet. Thus, Stewart also fails to teach or suggest **terminal equipment that receives broadcast system information on the mobile communication network or part of the mobile communication network in the current location of the terminal equipment and compares said received system information with said stored system information, and notes, on the basis of said stored and received system information, that for mobile communication network or part of the mobile communication network has changed**.

To the contrary, in the system according to Stewart, it is the LAN access point that detects the presence of the mobile unit (see, for example, the passages at column 2, lines 53 to 57 and column 3, lines 64 to 67) based on a beacon signal (see, column 4, lines 9 to line 13) sent by a mobile unit. It is also the LAN access point that compares the mobile unit with the target mobiles in a database.

Finally, Stewart fails to teach that the terminal equipment **starts a procedure for updating the stored Internet access point settings of terminal equipment with the Internet access point settings recommended for the currently used mobile communication network or for part of the mobile communication network, if the terminal equipment notes, on the basis of said stored and received system information, that for mobile communication network or part of the mobile communication network has changed**. The sections referred to by the Office Action in Stewart relate to operation in various network elements, not the mobile unit.

Therefore, Stewart fails to disclose, teach or suggest the claimed method, message service and terminal equipment capable of establishing a connection via a mobile communication system to a number of internet access points providing access to the Internet.

Stewart further fails to disclose, teach or suggest a mobile communication system that is configured to broadcast to the terminal equipment, messages including those associated with setting of at least one local Internet access point. Accordingly, the rejection of claims 1-7 and 13-20 is traversed and those claims are allowable.

All objections and rejections having been addressed, Applicants request issuance of a notice of allowance indicating the allowability of all pending claims. If anything further is necessary to place the application in condition for allowance, Applicants request that the Examiner contact Applicants' undersigned representative at the telephone number listed below.

Please charge any fees associated with the submission of this paper to Deposit Account Number 033975. The Commissioner for Patents is also authorized to credit any over payments to the above-referenced Deposit Account.

Respectfully submitted,
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